

The diagram illustrates a system architecture with the following components and connections:

- 100**: An external input/output point, represented by a small square box.
- 106**: A connection line leading from the external point to the mobile switching system.
- 107**: A label for the connection line between the external point and the mobile switching system.
- 102**: The **MOBILE SWITCHING SYSTEM**, represented by a large rectangular block.
- 108**: A downward arrow indicating data flow from the mobile switching system to the peripheral device.
- 112**: An upward arrow indicating data flow from the peripheral device to the mobile switching system.
- 114**: An output line with an arrow pointing to the right, originating from the mobile switching system.
- 104**: A label for the connection line between the peripheral device and the database.
- 110**: The **DATABASE**, represented by a cylinder.
- 116**: A dashed output line with an arrow pointing to the right, originating from the peripheral device.

FIG. 1
(PRIOR ART)

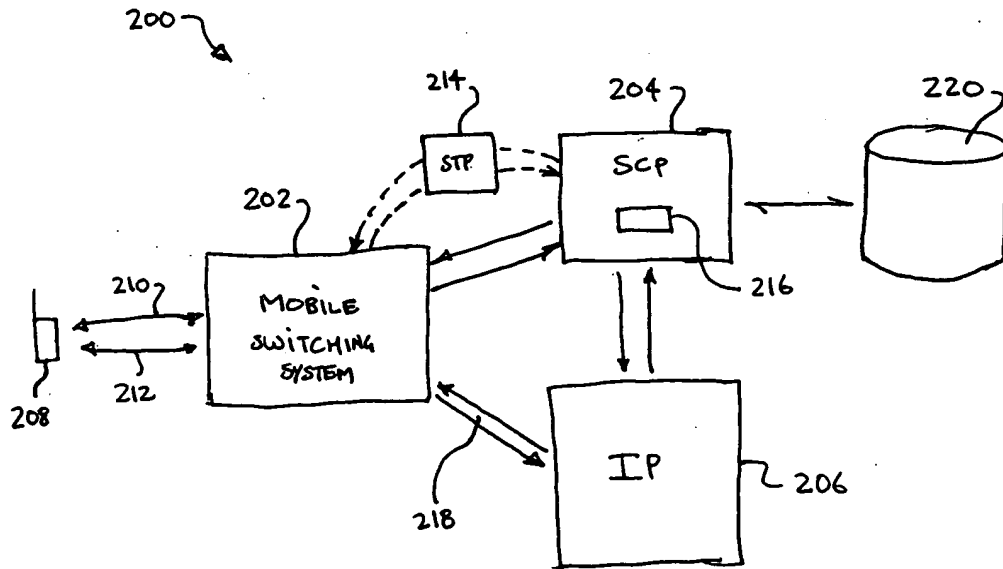


FIG. 2

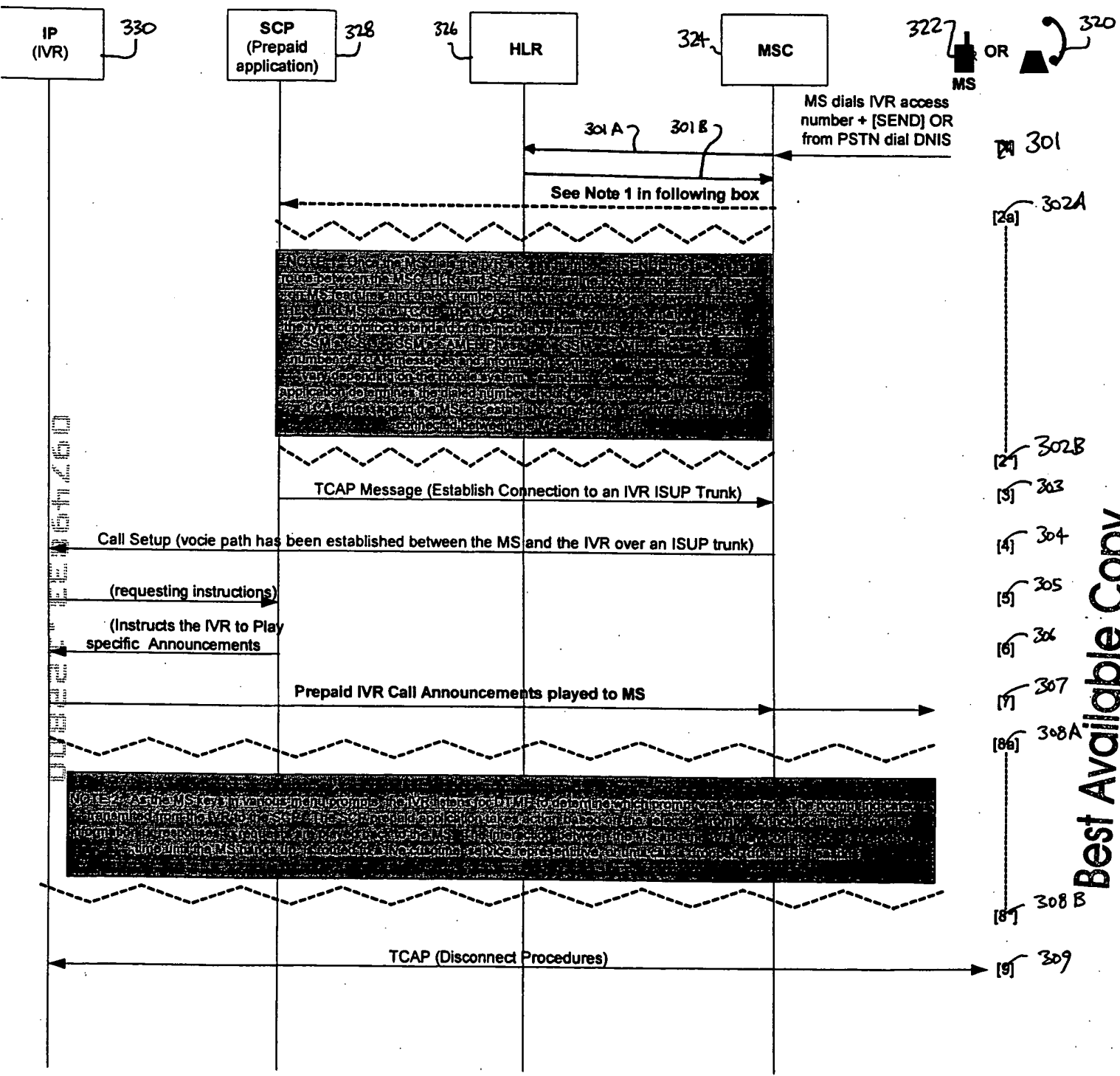
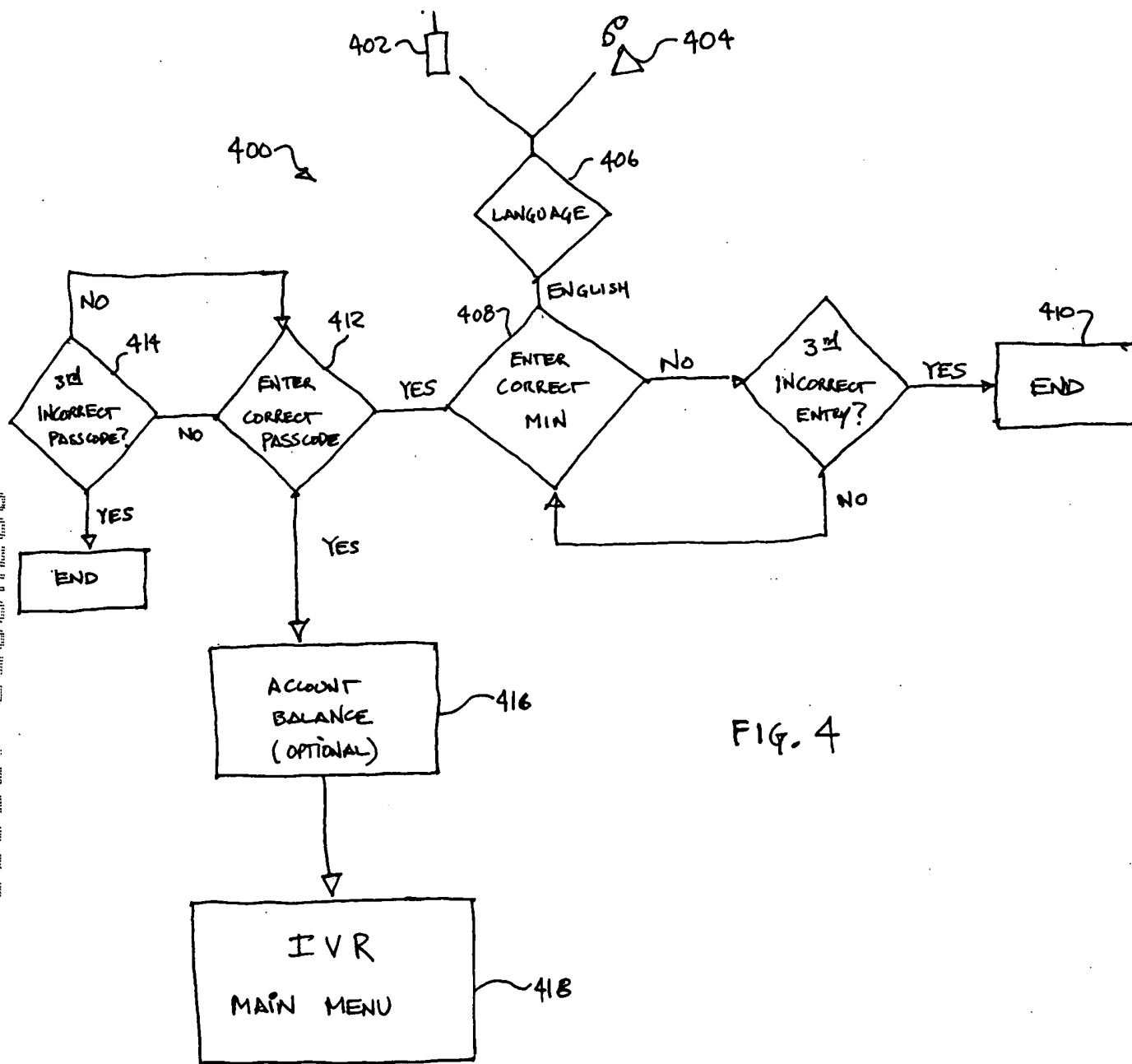


Fig. 3

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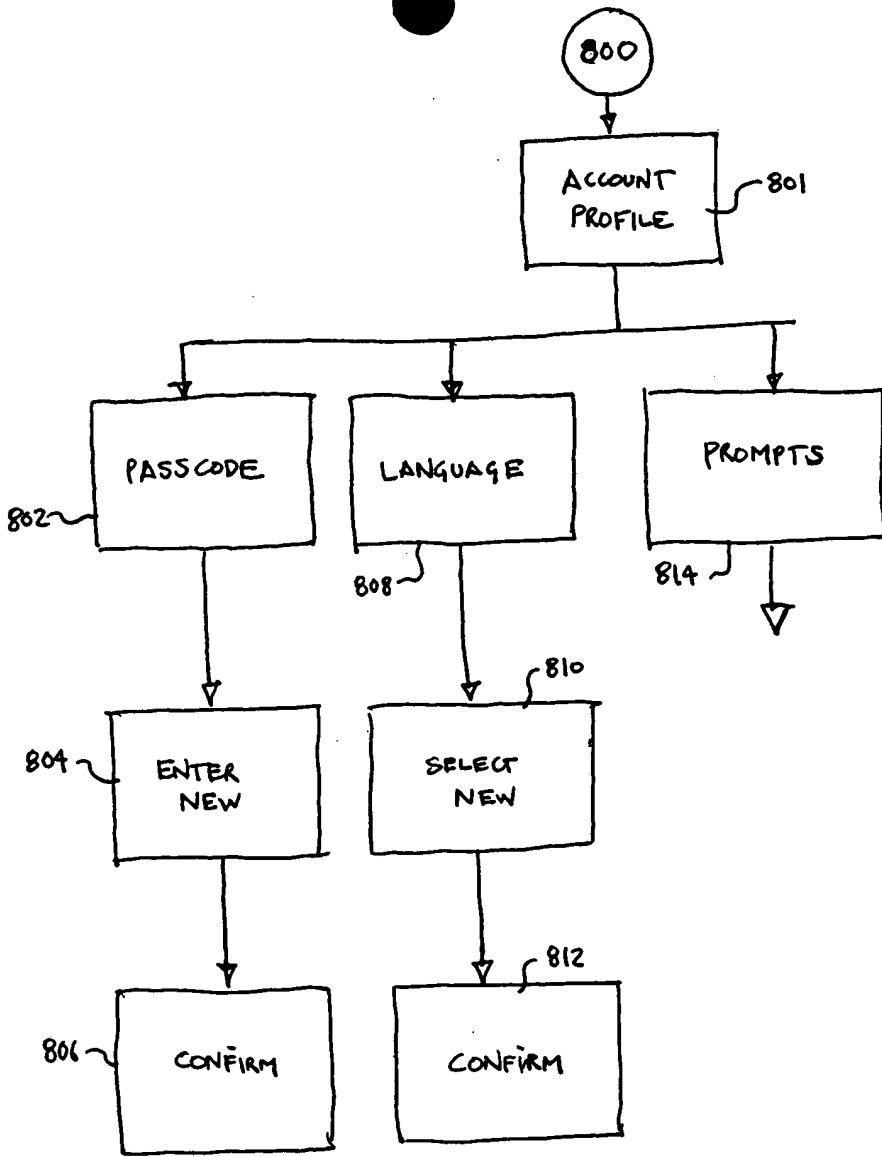


FIG. 8A

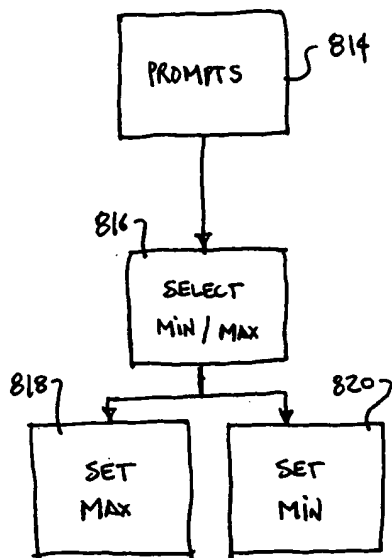


FIG. 8B

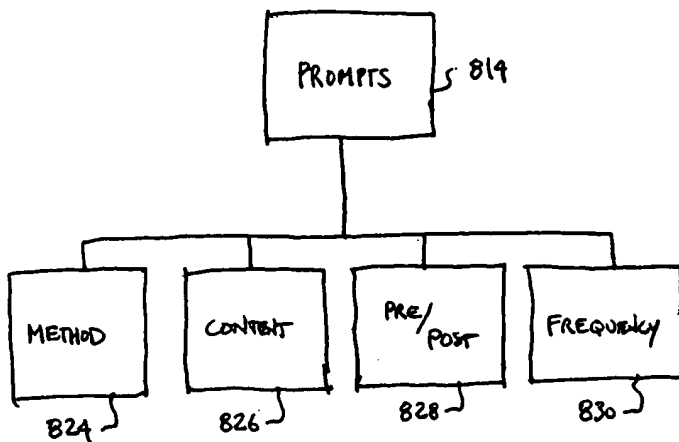


FIG. 8C

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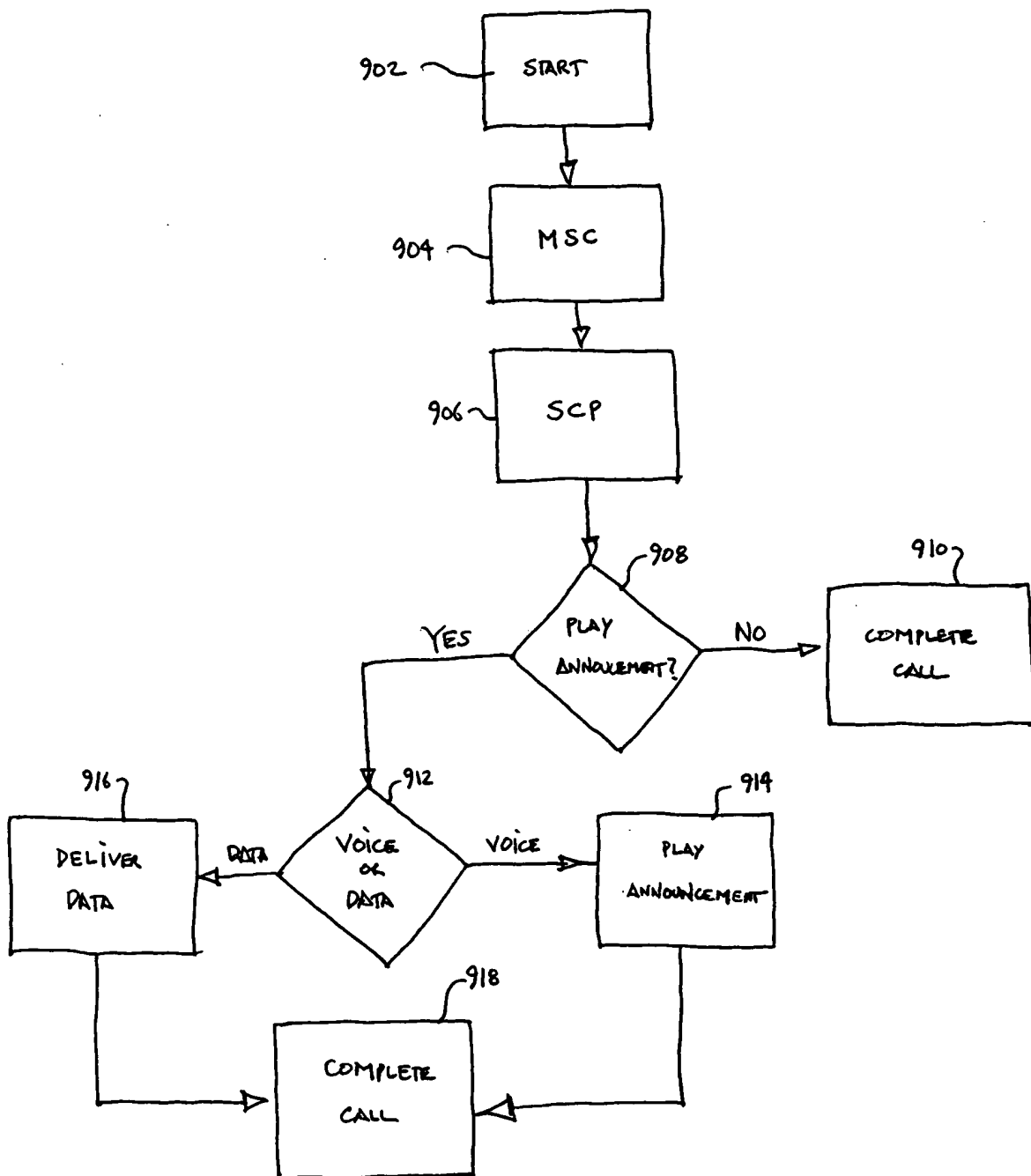


FIG. 9